



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHCENTRAL REGIONAL OFFICE

October 16, 2014

Mr. Paul Freeman
Executive Vice President
Mt. Carmel Cogen, Inc.
P.O. Box 409
Marion Heights, PA 17832

Re: Request for Extension of MATS Compliance Date

Dear Mr. Freeman:

This letter is to notify you that the Department has reviewed your company's compliance extension request letter dated September 18, 2014, for your facility's anthracite culm-fired circulating fluidized bed boiler (Source ID 031) at your facility in Mt. Carmel Township, Northumberland County. This request concerns the April 16, 2015, compliance deadline found in the Mercury and Air Toxics Standard (40 CFR Part 63 Subpart UUUUU), also known as MATS.

Mt. Carmel Cogen has requested a one year extension to April 16, 2016, in order to install two updated cyclone vortex finders in your boiler. The premise is that these upgrades will further reduce the SO₂ emissions from your boiler so they will comply with the limitation specified in Subpart UUUUU. This extension would also have applicability to any initial performance testing and associated notification, reporting or recordkeeping that could not be complied with until after the installations have taken place.

The Department is willing to grant approval of this one year compliance deadline extension request. In accordance with 40 CFR§63.6(i)(4)(i)(A), it will be necessary to amend your Title V Operating Permit, 49-00001, to incorporate the conditions of this approval. You may do so by submitting a minor operating permit modification application in accordance with 25 Pa. Code §127.462.

The installation of the two updated cyclone vortex finders are exempt from plan approval pursuant to 25 Pa. Code §127.14(a)(9) provided the milestone dates listed below are complied with. These milestone dates are also a required part of this extension request in accordance with 40 CFR §63.6(i)(10)(iii):

- (1) By April 16, 2015, Mt. Carmel Cogen shall have the first updated cyclone vortex finder installed and operational.
- (2) By July 16, 2015, Mt. Carmel Cogen shall submit to the Department in writing, the results of any performance test on the first updated cyclone vortex finder. Additionally, this submission shall either: (a) indicate Mt. Carmel Cogen's intent to continue with the proposed project (i.e., install the second updated cyclone

vortex finder) or (b) provide an alternative method of compliance with Subpart UUUUU by the extended compliance date of April 16, 2016.

- (3) By December 31, 2015, Mt. Carmel Cogen shall have the second updated cyclone vortex finder installed and operational.
- (4) By April 16, 2016, Mt. Carmel Cogen shall submit to the Department in writing verification that the facility's 623.5 MMBtu/hr anthracite culm-fired circulating fluidized bed boiler (Source ID 031) is in compliance with all applicable requirements specified in Subpart UUUUU.

If you have any questions regarding this matter, please do not hesitate to contact John J. Twardowski, P.E., Air Quality Engineer, Facilities Permitting Section, at 570-321-6574.

Sincerely,



Muhammad Q. Zaman
Environmental Program Manager
Air Quality Program

cc: EPA, Region 3
Central Office, Air Quality Permits
Mt. Carmel Cogen, Facilities, Fac Op